













ProductX Course Catalog


Preparedness for 1.3





PRODUCTX COURSE STATUS


Product X Course Catalog

 <div>PDX 101 Introduction to ProductX</div>	 <div>PDX 202 Selling the ProductX Solution</div>	 <div>PDX 301 Installing ProductX on Windows</div>	 <div>PDX 401 Introducing the ProductX Toolkit</div>
 <div>PDX 110 Introduction to the ProductX Ecosystem</div>	 <div>PDX 250 Selling the ProductX Web Client</div>	 <div>PDX 310 Customizing ProductX Using Composite Application Markup</div>	 <div>PDX 410 Exploring the ProductX JavaScript API</div>
 <div>PDX 150 Introduction to the ProductX Web Client</div>		 <div>PDX 350 Installing the ProductX Web Client on a Server</div>	 <div>PDX 415 Exploring the ProductX Omnichannel API</div>
			 <div>PDX 450 Extending the ProductX Client UI with Widgets</div>

 **Course Up to Date for 1.3**

 **Course Needs Updates for 1.3**

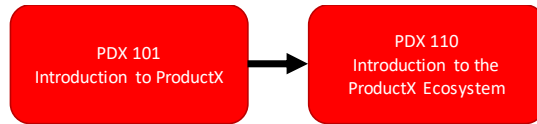
 **Course does not yet exist**

 **Planned for GA**

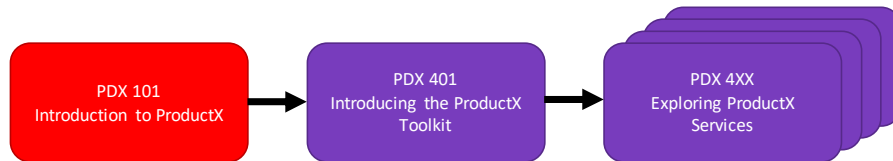
LEARNING PATHS

Ecosystem Software Providers

General Track

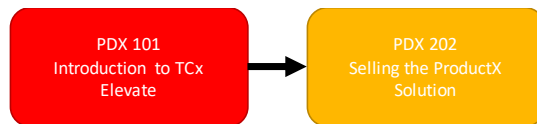


Developer Track

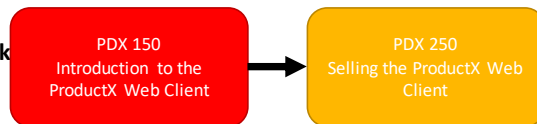


Internal Sellers

Platform Sales Track

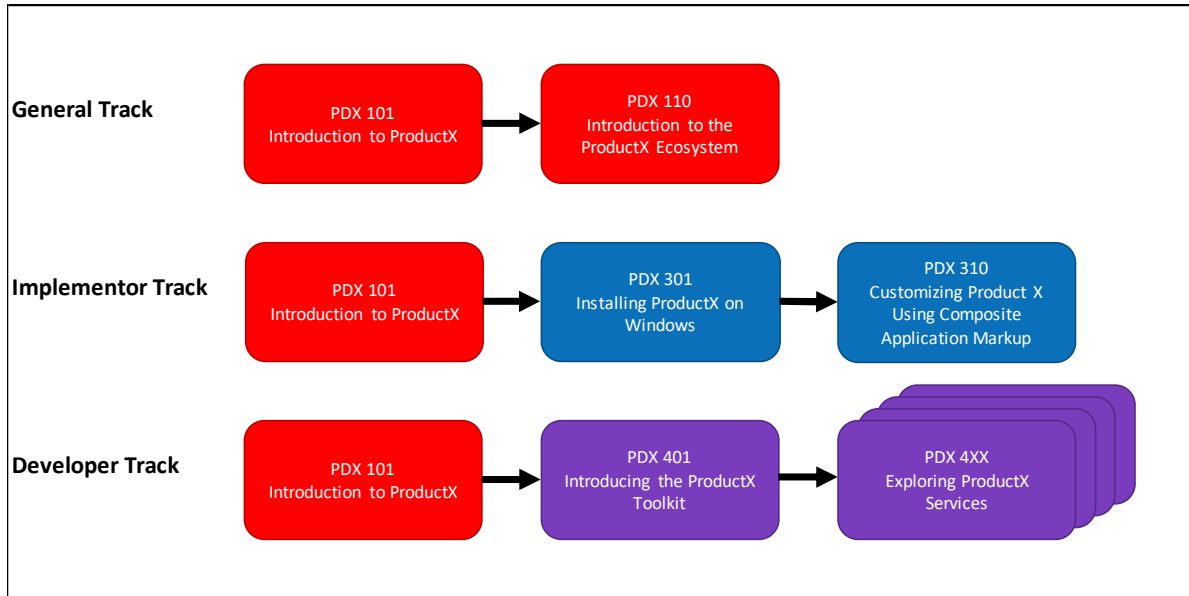


Web Client Sales Track

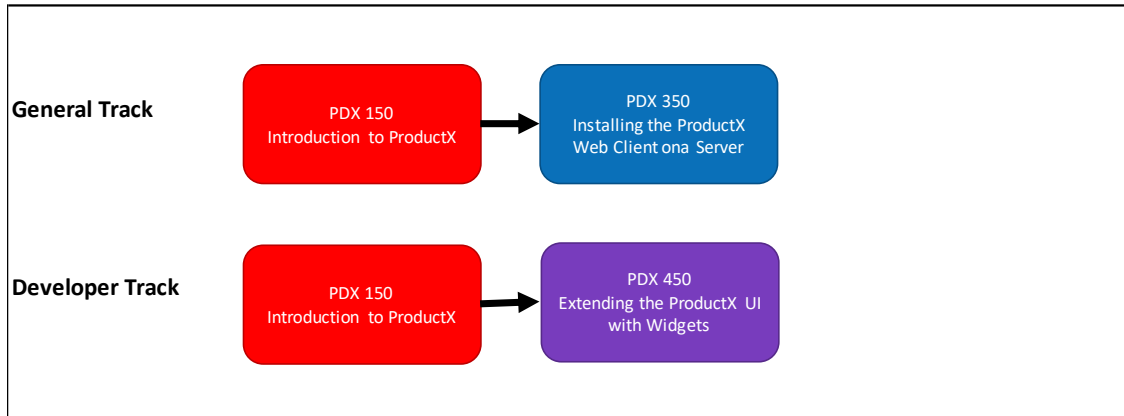


ProductX Customers

ProductX Platform Customers



ProductX Web Client Customers



Course Details

CORE CURRICULUM

PDX101: Introduction to ProductX

In this introductory class, students will learn about the ProductX solution and how it can enable greatly increased functionality at the POS terminal. The course covers how the solution works, including a high-level discussion on the architecture, as well as a discussion of the flexibility that ProductX provides.

Delivery Type

Web-Based Learning

Audience

ProductX customers, sellers, business partners, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Bill Aziz
Course Developer	Kyle Irvan
Reviewer/Approver	Bill Aziz

Status

Course complete for version 1, release 1. Will need update for release 3.

Update should include introduction to new services:

- POS Interaction Service
- POS Log Service
- POS Data Service
- Receipt Service
- Printer Service

PDX110: Introduction to the ProductX Ecosystem

This course introduces students to the ProductX Ecosystem and answers the questions: What is the Ecosystem? What types of apps are available? How are new apps made available? What is the relationship between Ecosystem Software Providers (ESPs) and Toshiba?

Objectives

Upon completing this course, students should be able to...

- Describe the Ecosystem
- Identify the differences between catalog and non-catalog apps
- Describe the categories of relationships between ESPs, customers and Toshiba

Delivery Type

Web-Based Learning

Audience

ProductX customers, sellers, business partners, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Bill Aziz
Course Developer	Calvin Lynwood
Reviewer/Approver	Bill Aziz

Status

Course not planned.

PDX150: Introduction to the ProductX Web Client

This course introduces students to the ProductX Ecosystem and answers the questions: What is the Ecosystem? What types of apps are available? How are new apps made available? What is the relationship between Ecosystem Software Providers (ESPs) and Toshiba?

Objectives

Upon completing this course, students should be able to...

- Describe the Ecosystem
- Identify the differences between catalog and non-catalog apps
- Describe the categories of relationships between ESPs, customers and Toshiba

Delivery Type

Web-Based Learning

Audience

ProductX customers, sellers, business partners, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Bill Aziz
Course Developer	Calvin Lynwood
Reviewer/Approver	Bill Aziz

Status

Course not planned.

MARKETING AND SALES CURRICULUM

PDX202: Selling the ProductX Solution

This course covers the marketing messaging, sales model, and price structure for ProductX. Students will also be made aware of competitive products and comparative information.

Delivery Type

Web-Based Learning

Audience

ProductX sellers.

Roles

Subject Matter Expert	Awaiting PLM Input
Course Developer	Gena Gonzales
Reviewer/Approver	Awaiting PLM Input

Status

Course complete for version 1, release 1. Will need update for release 3.

PDX250: Selling ProductX Web Client

This course covers the marketing messaging, sales model, and price structure for ProductX. Students will also be made aware of competitive products and comparative information.

Delivery Type

Web-Based Learning

Audience

ProductX sellers.

Roles

Subject Matter Expert	Awaiting PLM Input
Course Developer	Gena Gonzales
Reviewer/Approver	Awaiting PLM Input

Status

Course complete for version 1, release 1. Will need update for release 3.

CONFIGURATION CURRICULUM

PDX301: Installation of ProductX on Windows

This course covers the installation procedure of ProductX on windows. After completion of this course, students should be able to install the solution, configure it to work with their POS application, and configure terminals to run it.

Objectives

Upon completing this course, students should be able to...

- Install base ProductX on a 4690 controller
- Launch a terminal configured with ProductX Client Platform
- Test the three starter apps on the terminal

Delivery Type

Web-Based Learning

Audience

ProductX customers, business partners, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Awaiting PLM Input
Course Developer	Kyle Irvan
Reviewer/Approver	Awaiting PLM Input

Status

Course complete for version 1, release 1. Will need update for release 3.

Update should include remote install and configuration steps for new services:

- POS Interaction Service
- POS Log Service
- POS Data Service
- Receipt Service
- Printer Service

PDX310: Customizing ProductX Using the Composite Application Markup (CAM) Language

In this class, students will gain familiarity with the Composite Application Markup (CAM) language and learn how to use it to modify the their Elevate front-end terminals.

Objectives

Upon completing this course, students should be able to...

- Select a CAM file to launch on a terminal
- Modify a terminal CAM file to include a new overlay triggered by a gesture
- Add a sample web application to the terminal display

Delivery Type

Web-Based Learning

Audience

ProductX customers, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Rick Voeks
Course Developer	Kyle Irvan
Reviewer/Approver	Rick Voeks

Status

Course complete for version 1, release 1. Will need update for release 3.

Update will be largely cosmetic; content is still up to date.

PDX350: Installing ProductX Web Client

In this class, students will gain familiarity with the Composite Application Markup (CAM) language and learn how to use it to modify the their Elevate front-end terminals.

Objectives

Upon completing this course, students should be able to...

- Select a CAM file to launch on a terminal
- Modify a terminal CAM file to include a new overlay triggered by a gesture
- Add a sample web application to the terminal display

Delivery Type

Web-Based Learning

Audience

ProductX customers, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Rick Voeks
Course Developer	Kyle Irvan
Reviewer/Approver	Rick Voeks

Status

Course complete for version 1, release 1. Will need update for release 3.

Update will be largely cosmetic; content is still up to date.

DEVELOPMENT CURRICULUM

PDX401: Introducing the ProductX Toolkit

In this course, students will be introduced to the ProductX Toolkit. They will learn how to use the toolkit to perform a few simple development-related tasks.

Delivery Type

Web-Based Learning

Audience

ProductX customers, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Awaiting PLM Input
Course Developer	Kyle Irvan
Reviewer/Approver	Awaiting PLM Input

Status

Course up to date for version 1, release 3.

PDX410: Exploring the ProductX Retail API

In this course, students will gain a familiarity with the Retail API used to integrate web apps running on the ProductX Platform into the POS.

Delivery Type

Web-Based Learning

Audience

ProductX customers, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Rick Voeks
Course Developer	Kyle Irvan
Reviewer/Approver	Bill Aziz

Status

Course complete for version 1, release 1. Will need update for release 3.

Update will be largely cosmetic; content is still mostly up to date. Update should include new methods associated with POS Interaction Service.

PDX415: Exploring the ProductX Omnichannel API

This course covers the basics of the ProductX Multichannel REST API which allows retailers to submit orders from external services to the store.

Objectives

Upon completing this course, students should be able to...

- Use a REST API tool (such as POSTman) to test API
- Post a new order to the store
- Get orders from storage

- Modify the order status
- Create a suspended transaction from an order
- Create a complete transaction from an order including payment

Delivery Type

Web-Based Learning

Audience

ProductX customers, ecosystem solution providers, and developers.

Roles

Subject Matter Expert	Shawn Joseph
Course Developer	Kyle Irvan
Reviewer/Approver	Richard Baldwin

Status

Course up to date for version 1, release 3.